~~0500~~ 0196

CRF Errors Corrected by the STIC Systems Branch

Serial Number: [redacted]/955807 [redacted]590 1029

CRF Processing Date: 10/16/01
Edited by: MM
Verified by: _____ (STI

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by th applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data"

ENTERED

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an intege

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (erro due to a PatentIn bug). Sequences corrected: _____

☑ Other: Format for applicant was incorrect. Erroneous field identifier inserted within text. MM

_____

_____

_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#2

OIPE

RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: **US/09/955,807** TIME: 09:42:56

Input Set : **N:\Crf3\10042001\I955807.raw**
Output Set: **N:\CRF3\10162001\I955807.raw**

ENTERED

<110> APPLICANT: Lok, Si
Sheppard, Paul O.
Kindsvogel, Wayne
Bort, Susan J.
<120> TITLE OF INVENTION: Secretory Protein-48
<130> FILE REFERENCE: 98-17C1
<140> CURRENT APPLICATION NUMBER: US/09/955,807
<141> CURRENT FILING DATE: 2001-09-19
<150> PRIOR APPLICATION NUMBER: 60/102,679
<151> PRIOR FILING DATE: 1998-10-01
<150> PRIOR APPLICATION NUMBER: 09/410,603
<151> PRIOR FILING DATE: 1999-10-01
<160> NUMBER OF SEQ ID NOS: 17
<170> SOFTWARE: FastSEQ for Windows Version 3.0
<210> SEQ ID NO: 1
<211> LENGTH: 1692
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (59)...(373)
<400> SEQUENCE: 1

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Met Leu Gly Tyr Ser Glu Pro Met Pro Cys Ala His Pro Leu Gly Leu
 1               5                  10                  15
ttc ctc tta ggc cta cac cct gcc ctt tct ttg ccc ctt gta gtt act      154
Phe Leu Leu Gly Leu His Pro Ala Leu Ser Leu Pro Leu Val Val Thr
            20                  25                  30
gtg gct gga gtg atg agc gcc act ccc aag cat ggc ctg gaa caa tgt      202
Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys
        35                  40                  45
cct cct gcc cct cca cca gca gtg aca gga ttc act ggg gac tcg ggg      250
Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly
    50                  55                  60
gca aag gag act gtg tca caa gac aaa agg agc cag ggt cac aca tgg      298
Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp
65                  70                  75                  80
tgt acc ctc gcc ctg cct cac cca tgg ctg aca tgg gtt gga cac ctc      346
Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp Val Gly His Leu
                85                  90                  95
aga aat cat gtg tct tca gcg agc cac tgagagttgg ggctttatct            393
Arg Asn His Val Ser Ser Ala Ser His
            100                 105
gttactcggc taggggtaac ctaaccgatg agactgtaac tggttactgt aaataaccaa    453
gctcccagta atagtaaacc agtgacaaaa acaattctta tccaaaaagg ttcacctttt    513
tttaaaatgt gtgaactaaa acagtcttta ttgctctaag acattaaaat ttgcactttt    573
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RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: US/09/955,807 TIME: 09:42:56

Input Set : N:\Crf3\10042001\I955807.raw
Output Set: N:\CRF3\10162001\I955807.raw

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ctagctatat cttaacctca gtttttagaa gtaagcaagc tctcattttt tgctattcat 813
atttgaagtg attaaactca taaatttgaa atttactttt tagagaccaa agattaaaat 873
taggtgggat gtcagctttt aaaatatact aagatttcct acaactacca atagcttatt 933
tccctgggaa acagattaca ttgtagtact taacccagaa ctcatgcagt tcatccaaaa 993
tgatggtaaa ctttttttcct cagaattacc taactttcct tgactatgaa ttcaacattc 1053
aagaatcttc ttctggtagc aggagcggca gagaggacag gcatggaaag gaggcctgtc 1113
tcccacggag aactcctcta gtgccagcag acacgcatgg tggaacacat gtgagcagga 1173
caggagggcc atctctctgg aacgcctgcc cgcacccacg cactgaccgc cagcagcgga 1233
gagaggggcc aggcagatgg agcactcctg ggtctcccgg cgcagagcct gcggcacaca 1293
ggacaggaag aggccacgcg ggttagtttc atcacagcag aaagttactt aaactgaaat 1353
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aaatcacatg cattttattt atatatatac atatatatat atacacacac acatatactc 1473
tgttactcct gggaactgtg gaaagggtta gtaacccacc tgtgataagc aacatccaac 1533
aggaacttcc agaatttcaa actgaaggga cctttgccgt caccctaaag cccatgagga 1593
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aggcttccca aagtgagtcc tcgacctccc ccgctcgag 1692

<210> SEQ ID NO: 2
<211> LENGTH: 105
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2

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1 5 10 15
Phe Leu Leu Gly Leu His Pro Ala Leu Ser Leu Pro Leu Val Val Thr
20 25 30
Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys
35 40 45
Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly
50 55 60
Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp
65 70 75 80
Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp Val Gly His Leu
85 90 95
Arg Asn His Val Ser Ser Ala Ser His
100 105

<210> SEQ ID NO: 3
<211> LENGTH: 79
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3

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1 5 10 15
His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val Thr Gly
20 25 30
Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg
35 40 45

RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: US/09/955,807 TIME: 09:42:56

Input Set : N:\Crf3\10042001\I955807.raw
Output Set: N:\CRF3\10162001\I955807.raw

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100         Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu
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102         Thr Trp Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser His
103         65                  70                  75
105 <210> SEQ ID NO: 4
106 <211> LENGTH: 77
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
109 <400> SEQUENCE: 4
110         Leu Val Val Thr Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly
111          1               5                  10                  15
112         Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr
113                     20                  25                  30
114         Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln
115                 35                  40                  45
116         Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp
117             50                  55                  60
118         Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser His
119         65                  70                  75
121 <210> SEQ ID NO: 5
122 <211> LENGTH: 65
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 5
126         Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val
127          1               5                  10                  15
128         Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp
129                     20                  25                  30
130         Lys Arg Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro
131                 35                  40                  45
132         Trp Leu Thr Trp Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser
133             50                  55                  60
134         His
135         65
137 <210> SEQ ID NO: 6
138 <211> LENGTH: 384
139 <212> TYPE: DNA
140 <213> ORGANISM: Homo sapiens
141 <220> FEATURE:
142 <221> NAME/KEY: variation
143 <222> LOCATION: (1)...(384)
144 <223> OTHER INFORMATION: n is any nucleotide
145 <221> NAME/KEY: misc_feature
146 <222> LOCATION: (1)...(384)
147 <223> OTHER INFORMATION: n = A,T,C or G
148 <400> SEQUENCE: 6
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150         gctgggttat tctgagccca tgccatgtgc acacccactt ggcctcttcc tcttaggcct     120
151         acaccctgcc ctttctttgc cccttgtagt tactgtggct ggagtgatga gcgccactcc     180
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RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: US/09/955,807 TIME: 09:42:56

Input Set : N:\Crf3\10042001\I955807.raw
Output Set: N:\CRF3\10162001\I955807.raw

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     153         ggactcgggg gcaaaggaga ctgtgtcaca agacaaaagg agccagggtc acacatggtg     300
W--> 154         ttacctcgcc ctgcctcacc catgggtgac atgggttgga cacctcanaa atcntgtttc     360
W--> 155         ttcaccganc cactgaaaat tggg                                           384
     157 <210> SEQ ID NO: 7
     158 <211> LENGTH: 48
     159 <212> TYPE: DNA
     160 <213> ORGANISM: Homo sapiens
     161 <400> SEQUENCE: 7
     162         gtctgggttc gctactcgag gcggccgcta ttttttttt tttttttt                   48
     164 <210> SEQ ID NO: 8
     165 <211> LENGTH: 20
     166 <212> TYPE: PRT
     167 <213> ORGANISM: Homo sapiens
     168 <400> SEQUENCE: 8
     169         Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
     170          1               5                  10                  15
     171         Pro Ala Val Thr
     172                     20
     174 <210> SEQ ID NO: 9
     175 <211> LENGTH: 42
     176 <212> TYPE: PRT
     177 <213> ORGANISM: Homo sapiens
     178 <400> SEQUENCE: 9
     179         Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
     180          1               5                  10                  15
     181         Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val
     182                     20                  25                  30
     183         Ser Gln Asp Lys Arg Ser Gln Gly His Thr
     184                 35                  40
     186 <210> SEQ ID NO: 10
     187 <211> LENGTH: 65
     188 <212> TYPE: PRT
     189 <213> ORGANISM: Homo sapiens
     190 <400> SEQUENCE: 10
     191         Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
     192          1               5                  10                  15
     193         Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val
     194                     20                  25                  30
     195         Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu
     196                 35                  40                  45
     197         Pro His Pro Trp Leu Thr Trp Val Gly His Leu Arg Asn His Val Ser
     198             50                  55                  60
     199         Ser
     200         65
     202 <210> SEQ ID NO: 11
     203 <211> LENGTH: 20
     204 <212> TYPE: PRT
     205 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: US/09/955,807 TIME: 09:42:56

Input Set : N:\Crf3\10042001\I955807.raw
Output Set: N:\CRF3\10162001\I955807.raw

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1 5 10 15
Gln Gly His Thr
20

<210> SEQ ID NO: 12
<211> LENGTH: 43
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 12
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1 5 10 15
Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr
20 25 30
Trp Val Gly His Leu Arg Asn His Val Ser Ser
35 40

<210> SEQ ID NO: 13
<211> LENGTH: 12001
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (10258)...(10572)
<400> SEQUENCE: 13

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atagcgcctg gcacatccta agaactcagt aaatattagc ccctttatta tgacgatggt 180
ggtcatggtg gtggtgagga tgatacggtg tgaaaagctt atctcttggt aataatacct 240
tttagttaaa gctttttga ggcttggatt ttgcaagtat taggctaacc cataagtctc 300
ttcattaagc cagagaataa attcaagatg aaaacgttag cattcttggc attgatgtaa 360
tagaagagag gggatttact gttatgtgtt ccaagagtca catgtattgt aatggtgtta 420
aaaacgggta ggtttagcta aagggtacaa acgtaaccta tgaatgtatt tttatgctta 480
tttccacatt agtgctaaac atatttcaag ttttatactt taaaaatacc aggacaaagt 540
aaattatctt ggtttggggt gggaggggt tgtaatttta tgacagaaga agggaaaggc 600
agtgacttct tgtagaaaat ttttaaaaat cctgacatta gctcatttac ctgagttgac 660
atgatttgaa tgcatatgac tccatactgg ggcttttagc tattgtaaaa ggccacatac 720
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ttctcagatc accaggcctt tccaaccttg atgtttgaga gggtgacctt tgggaggcac 840
aaaagatttc agatgagctg tccatatgta ttttactttg aatatgccct gggaggggat 900
ggctcatcaa atattgcaat gcctgacagg aaaaagtcac agctcatttc agctgacaca 960
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aatatcagca agattagtta gccatggttt cagataaatt tccactttcc attcgctaaa 1140
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attttgctaa gaaagccttt attaaagtaa taaaacataa cctgatataa aaggccttat 1260
atgcatgtca gttccttgac cataagagag agtagaatta gcaagagttg tataaaacta 1320
cctaatagat acatttactt ttcttcccca gtgtttttca gtattctttg gggtgtgcta 1380
cggggcaatt tatacataga aaaagagtct tattaagtat atgtaatgtt tgaatgatct 1440
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VERIFICATION SUMMARY DATE: 10/16/2001
PATENT APPLICATION: US/09/955,807 TIME: 09:42:57

Input Set : N:\Crf3\10042001\I955807.raw
Output Set: N:\CRF3\10162001\I955807.raw

L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6